



**US Army Corps  
of Engineers**  
Portland District

# PUBLIC NOTICE

Issue Date: February 25, 2003

Expiration Date: March 26, 2003

Corps of Engineers Action ID: 2002-00168

Oregon Division of State Lands Number: RF-24977

## 30-Day Notice

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached plan.

**Comments:** Comments on the described work should reference the U.S. Army Corps of Engineers number shown above and should reach this office no later than the above expiration date of this Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers  
ATTN: CENWP-OP-GE (Ms. Shelly Hanson)  
1600 Executive Parkway Suite 210  
Eugene, Oregon 97401

**Applicant:** Rogue River Stakeholders Group (Stakeholders).  
ATTN: Mr. E. Frank Schnitzer  
229 Broadalbin Street SW  
Albany, OR 97321-2246

**Location:** Three sites on the Rogue River, between Miles 126.5 to 129.5. The properties are north of Medford, Jackson County, Oregon.

**Project Description:** The Stakeholders are proposing to implement Phase 3 of a river and floodplain management plan (Plan) along a three (3) mile section of the Rogue River, to address a major shift in the channel that occurred in 1997. A geomorphic study completed by the stakeholders attributed the southern shift in the river alignment to the capture of an inactive gravel pit during the 1997 New Years Day flood. The shift in the channel alignment threatens additional pits, which would dramatically alter the channel morphology.

The Plan includes the construction of a channel outfall or spillway into Kelly Slough from what was a gravel pond, but is now the main channel. The spillway is intended to convey flows ranging from annual high water, up to the development of backwater conditions (an approximate 50 year event), and protect the slough as a backwater channel. This element of the project is also expected to minimize the potential for channel avulsion by controlling head cutting, and the formation of scour holes.

The southern edge of an artificial island constructed during gravel pond reclamation, and located within the captured gravel pit, would be removed. The excavated material would be placed on the northern side of the island to connect the island with south bank of the pre-1997 channel. Biotechnical methods would be used to stabilize the fill. The island is obstructing the flow path of the river, and its removal will create a more natural cross-section. The inlet to the pre-1997 channel is to be opened by removing a portion of a gravel plug at the inlet. The gravel would be used to create a bridge to the island to facilitate the excavation to ordinary low

water. The gravels would be left in place to help confine the Rogue under low flow conditions. Natural redistribution of these gravels is not likely due to the low water velocities.

Four stream barbs will be constructed on the south bank of the river forming the northern edge of the White Pond. The riverbank would be reshaped and planted to increase stability and minimize erosion. The Stakeholders removed undesirable vegetation and planted a four acre section of riparian area this fall, and will plant an additional 8 acres concurrently with the other work proposed.

A 10-year monitoring and maintenance plan will be carried out by the stakeholders. In addition to vegetation maintenance, channel cross-sections, the channel thalweg, and the stream barbs and other structures will be periodically re-surveyed to quantify effectiveness of the plan and identify any long term maintenance issues.

**Permit History:** In August of 2002, the Corps authorized the construction of eight barbs along the south bank of the Rogue River. Four rock barbs were placed at each of two locations along the Mace and Gebhard pits. The barbs were constructed in the fall of 2002.

**Purpose:** The purpose of the project is to protect existing high-value fisheries habitat by restoring conditions to guide future channel adjustments within the historic channel migration zone. This plan provides multiple stable paths for flood. The floodplain in this reach of the Rogue River has been extensively mined for gravel. The gravel pits are mined out. Controlling the channel progression to the south is necessary to prevent the capture of additional pits, and to protect in-stream features, including approximately 5,690 feet of mainstem and associated backwater channels. Riparian areas will be rehabilitated through the re-establishment of native riparian plant communities through this corridor.

**Drawing(s):** Fourteen (14) drawings are attached.

**Additional Information:** Additional information may be obtained from the Corps of Engineers

**Authority:** This permit will be issued or denied under the following:

Section 404, Clean Water Act (33 U.S.C. 1344), for discharge of dredged or fill material into waters of the United States.

**Water Quality Certification:** A permit for the described work will not be issued until certification, as required under Section 401 of the Clean Water Act (P.L. 95-217), has been received or is waived from the certifying state. Attached is the state's notice advertising the request for certification.

**Section 404(b)(1) Evaluation:** The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404(b)(1) of the Clean Water Act.

**Coastal Zone Management Act Certification:** A permit for the described work will not be issued until the state has concurred with the applicant's certification that the described activity affecting land or water uses in the Coastal Zone complies with the State Coastal Zone Management Program. Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3) requires the applicant to provide a Certification of Consistency statement. If the state fails to concur or object to the certification statement within six months, state concurrence shall be conclusively presumed. Attached to this Public Notice is a notice of application for Certification of Consistency with the State's Coastal Zone Management Program.

**Public Hearing:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**Endangered Species:** Preliminary determinations indicate that the proposed activity may affect an endangered or threatened species or its critical habitat. Consultation under Section 7 of the Endangered Species Act of 1973 (87 Stat. 844) will be initiated. A permit for the proposed activity will not be issued until the consultation process is completed.

**Cultural Resources:** The described activity is not located on property registered or eligible for registration in the latest published version of the National Register of Historic Places. This notice has been provided to the State Historic Preservation Office.

**Evaluation:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the described activity, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**Additional Requirements:** State law requires that leases, easements, or permits be obtained for certain works or activity in the described waters. These State requirements must be met, where applicable, and a Department of the Army permit must be obtained before any work within the applicable Statutory Authority, previously indicated, may be accomplished. Other local governmental agencies may also have ordinances or requirements, which must be satisfied before the work is accomplished.

# **PUBLIC NOTICE**

## **Oregon Department of Environmental Quality**

### **Water Quality 401 Certification**

Corps of Engineers Action ID Number: 2002-00189  
Oregon Division of State Lands Number: RF-24977

Notice Issued: February 25, 2003  
Written Comments Due: March 26, 2003

**WHO IS THE APPLICANT:** Rogue River Stakeholders Group

**LOCATION OF CERTIFICATION ACTIVITY:** See attached U.S. Army Corps of Engineers public notice.

**WHAT IS PROPOSED:** See attached U.S. Army Corps of Engineers public notice on the proposed project.

**NEED FOR CERTIFICATION:** Section 401 of the Federal Clean Water Act requires applicants for Federal permits or licenses to provide the Federal agency a water quality certification from the State of Oregon if the proposed activity may result in a discharge to surface waters.

**DESCRIPTION OF DISCHARGES:** See attached U.S. Army Corps of Engineers public notice on the proposed project

**WHERE TO FIND DOCUMENTS:** Documents and related material are available for examination and copying at Oregon Department of Environmental Quality, Water Quality Division, 811 S.W. 6th Avenue, Portland, Oregon 97204.

While not required, scheduling an appointment will ensure documents are readily accessible during your visit. To schedule an appointment please call Alice Kavajecz at (503) 229-6962.

Any questions on the proposed certification may be addressed to the 401 Program Coordinator, (503) 229-5845 or toll free within Oregon at 1-800-452-4011. People with hearing impairments may call DEQ's TTY at (503) 229-6993.

#### **PUBLIC PARTICIPATION:**

**Public Hearing:** Oregon Administrative Rule (OAR) 340-48-0020 (6) states that "The Director shall provide an opportunity for the applicant, any affected state, or any interested agency, person, or group of persons to request or petition for a public hearing with respect to certification applications. If the Director determines that new information may be produced thereby, a public hearing will be held prior to the Director's final determination. Instances of doubt shall be resolved in favor of holding the hearing. There shall be public notice of such a hearing."

#### **Written comments:**

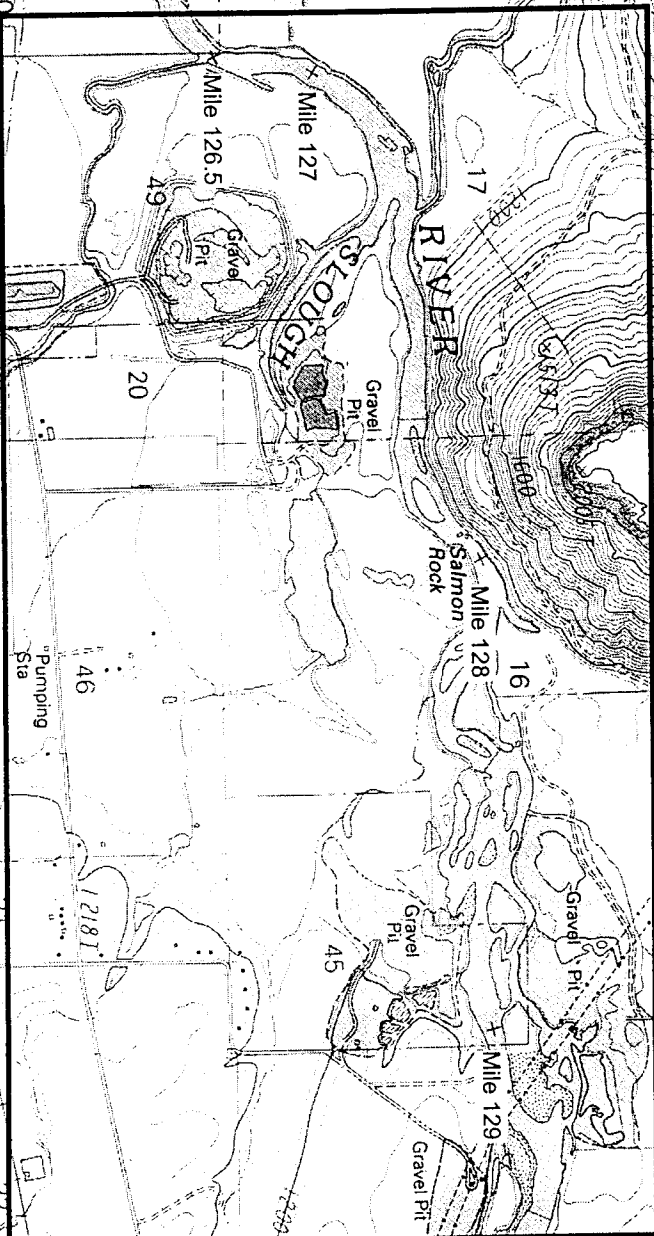
Written comments on the proposed certification must be received at the Oregon Department of Environmental Quality by 5 p.m. on (full date). Written comments should be mailed to Oregon Department of Environmental Quality, Attn: 401 Program Coordinator, 811 S.W. 6th Avenue, Portland, Oregon 97204.

***People wishing to send written comments via e-mail should be aware that if there is a delay between servers or if a server is not functioning properly, e-mails may not be received prior to the close of the public comment period.*** People wishing to send comments via e-mail should send them in Microsoft Word (through version 7.0), WordPerfect (through version 6.x) or plain text format. Otherwise, due to conversion difficulties, DEQ recommends that comments be sent in hard copy.

**WHAT HAPPENS NEXT:** DEQ will review and consider all comments received during the public comment period. Following this review, the permit may be issued as proposed, modified, or denied. You will be notified of DEQ's final decision if you present either oral or written comments during the comment period. Otherwise, if you wish to receive notification, please call or write DEQ at the above address.

**ACCESSIBILITY INFORMATION:** This publication is available in alternate format (e.g. large print, Braille) upon request. Please contact DEQ Public Affairs at (503) 229-5766 or toll free within Oregon at 1-800-452-4011 to request an alternate format. People with a hearing impairment can receive help by calling DEQ's TTY at (503) 229-6993.

Project Location  
T36S, R2W, Sections 15, 16, 17  
River miles 126.5 - 129.5



USGS Quad - Sams Valley  
Scale: 1" = 2000'



BASE TOPOGRAPHY FROM  
AERIAL PHOTOGRAPHY  
DATED SEPTEMBER, 2000





LEGEND

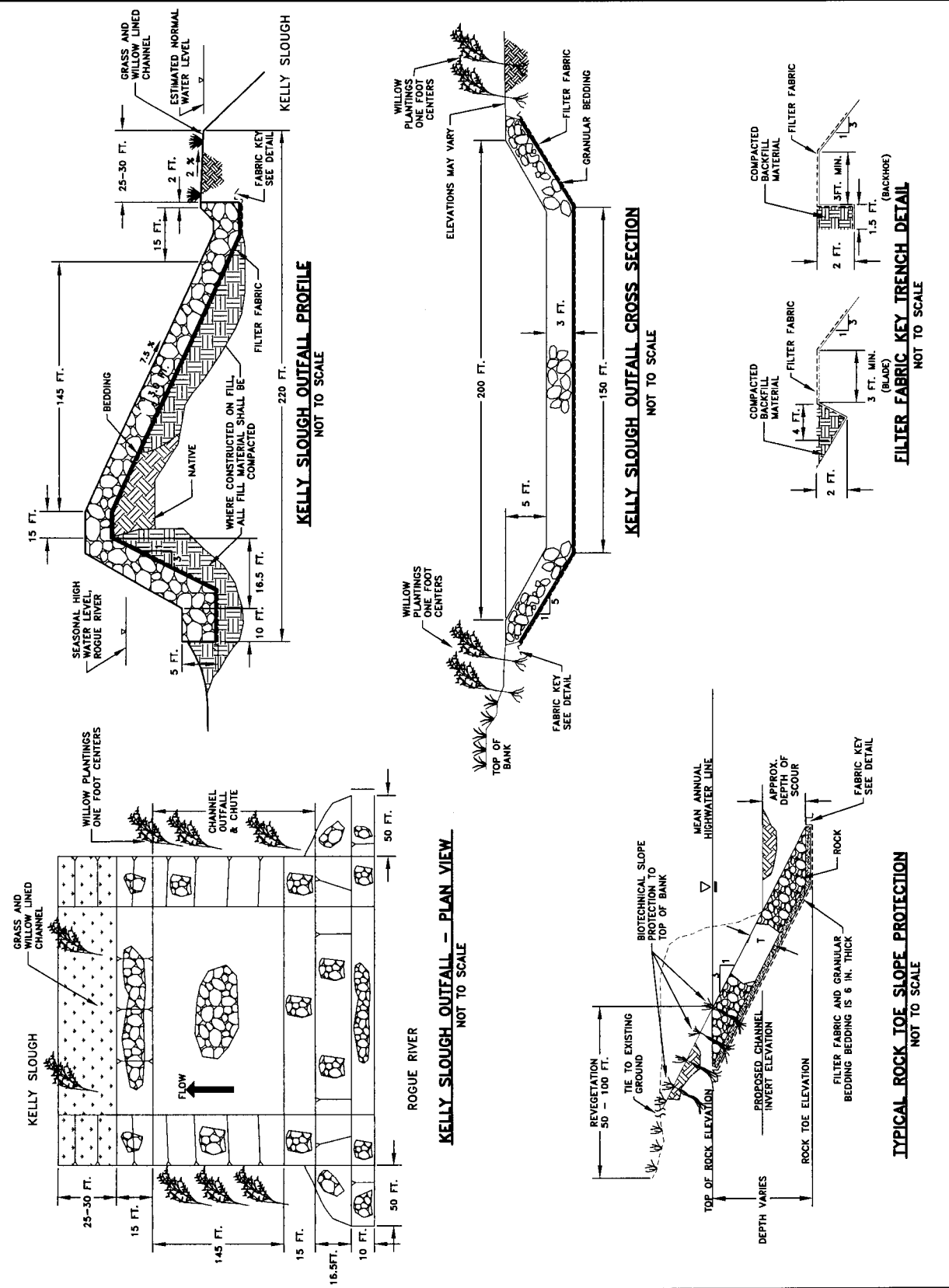
GENERAL NOTES



**ROGUE RIVER  
STABILIZATION PROJECT**  
Phase II  
SHEET NO. 104-4  
DATE: 7/14/11  
BY: [Signature]  
CHECKED BY: [Signature]  
APPROVED BY: [Signature]

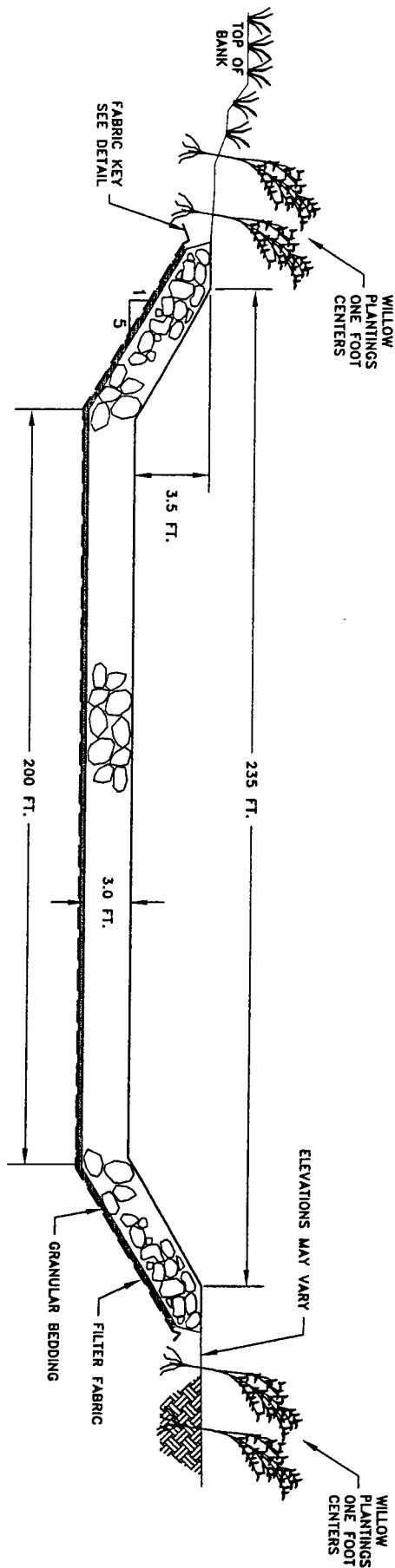
**KELLY SLOUGH  
OUTFALL DETAILS**  
SHEET NO. 104-4  
DATE: 7/14/11  
BY: [Signature]  
CHECKED BY: [Signature]  
APPROVED BY: [Signature]

D1





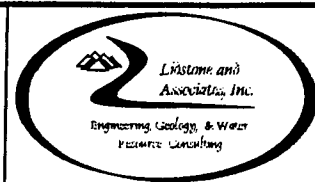
# **CHANNEL OUTFALL**

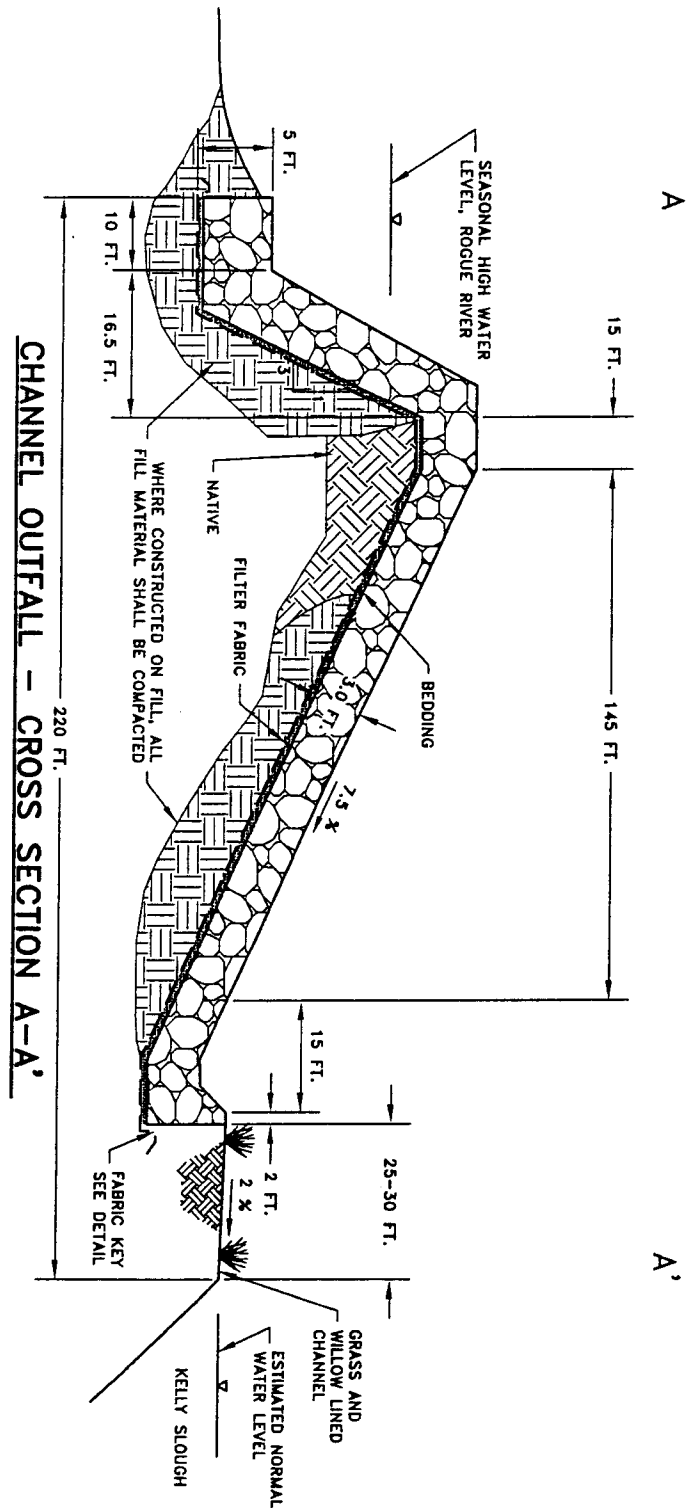


**FIGURE D2-1  
CHANNEL  
OUTFALL**

PROJECT: ORRA102  
DATE: 1-24-02  
DRAWN: JHF  
CHECKED: GTK  
REVISIONS:  
FILE: RA101-DETAILSrev2

## **NOTES/LEGEND**

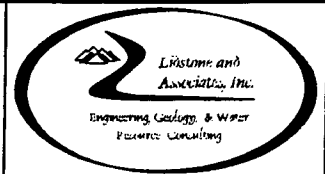




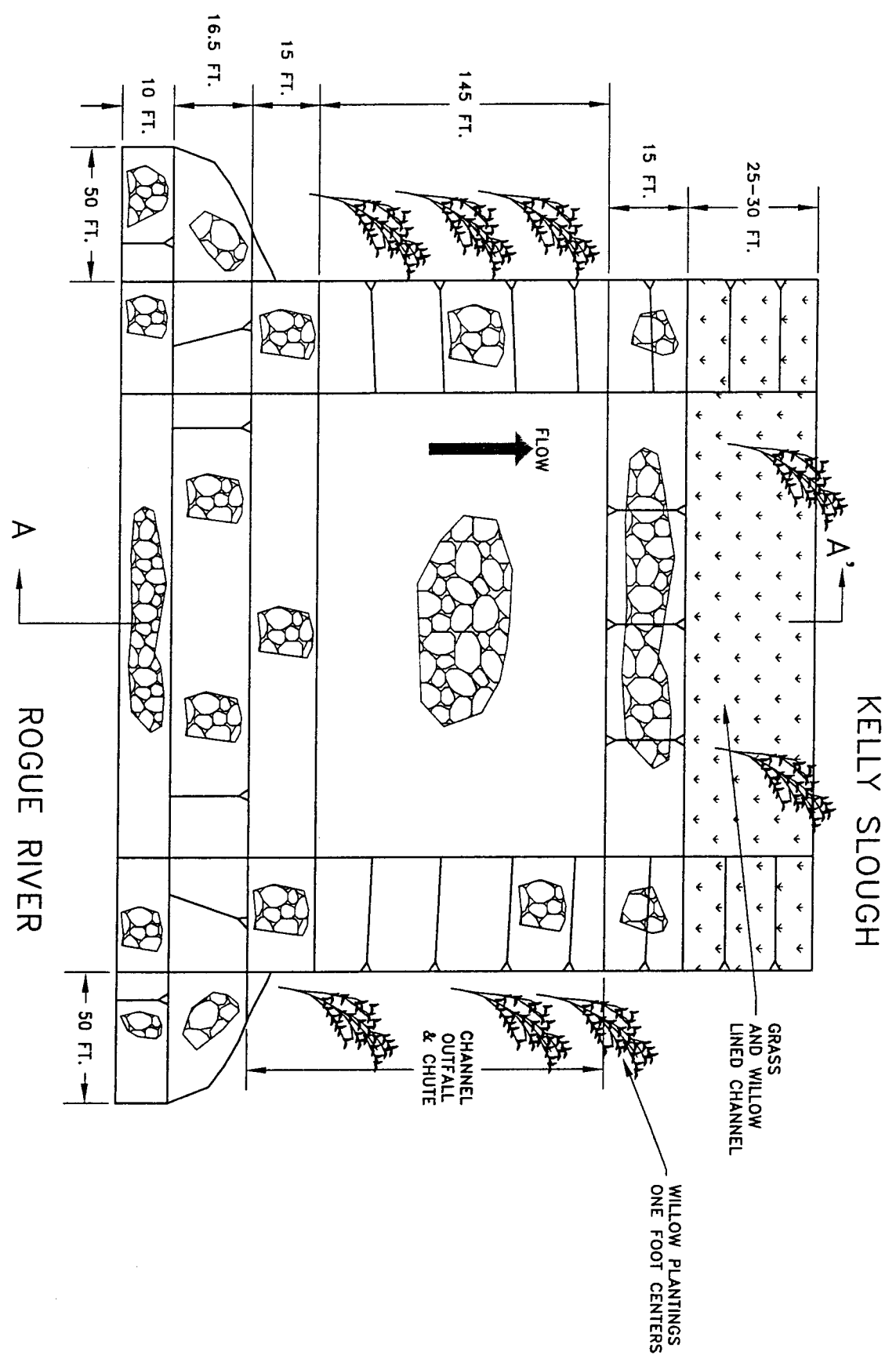
PROJECT: ORRA102  
 DATE: 1-24-02  
 DRAWN: JHF  
 CHECKED: GTK  
 REVISIONS:  
 FILE: RA101-DETAILSrev2

NOTES/LEGEND

FIGURE D2-2  
 CHANNEL  
 OUTFALL  
 CROSS-SECTION



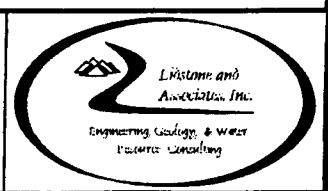
CHANNEL OUTFALL - PLAN VIEW



PROJECT: ORRA102
DATE: 1-24-02
DRAWN: JHF
CHECKED: GTK
REVISIONS:
FILE: RA101-DETAILSrev2

NOTES/LEGEND

FIGURE D2-3  
CHANNEL  
OUTFALL  
PLAN VIEW



ROCK GRADATION	
PERCENT LIGHTER BY WEIGHT	DIAMETER FEET
100	3.0-2.2
50	2.0-1.7
15	1.6-1.2

BEDDING	
PERCENT PASSING BY WEIGHT	SIZE INCHES
100	5 IN.
85	4 IN.
50	2.5 IN.
15	1.5 IN.

## ROCK DIMENSIONS CHANNEL OUTFALL

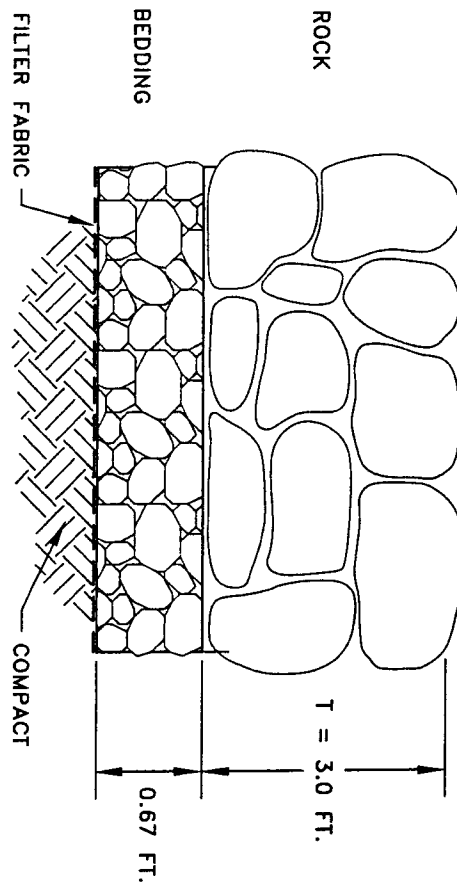
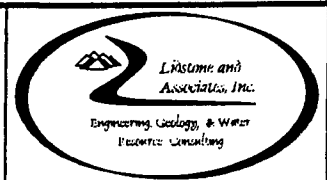


FIGURE D2-4  
ROCK  
DIMENSIONS  
CHANNEL  
OUTFALL

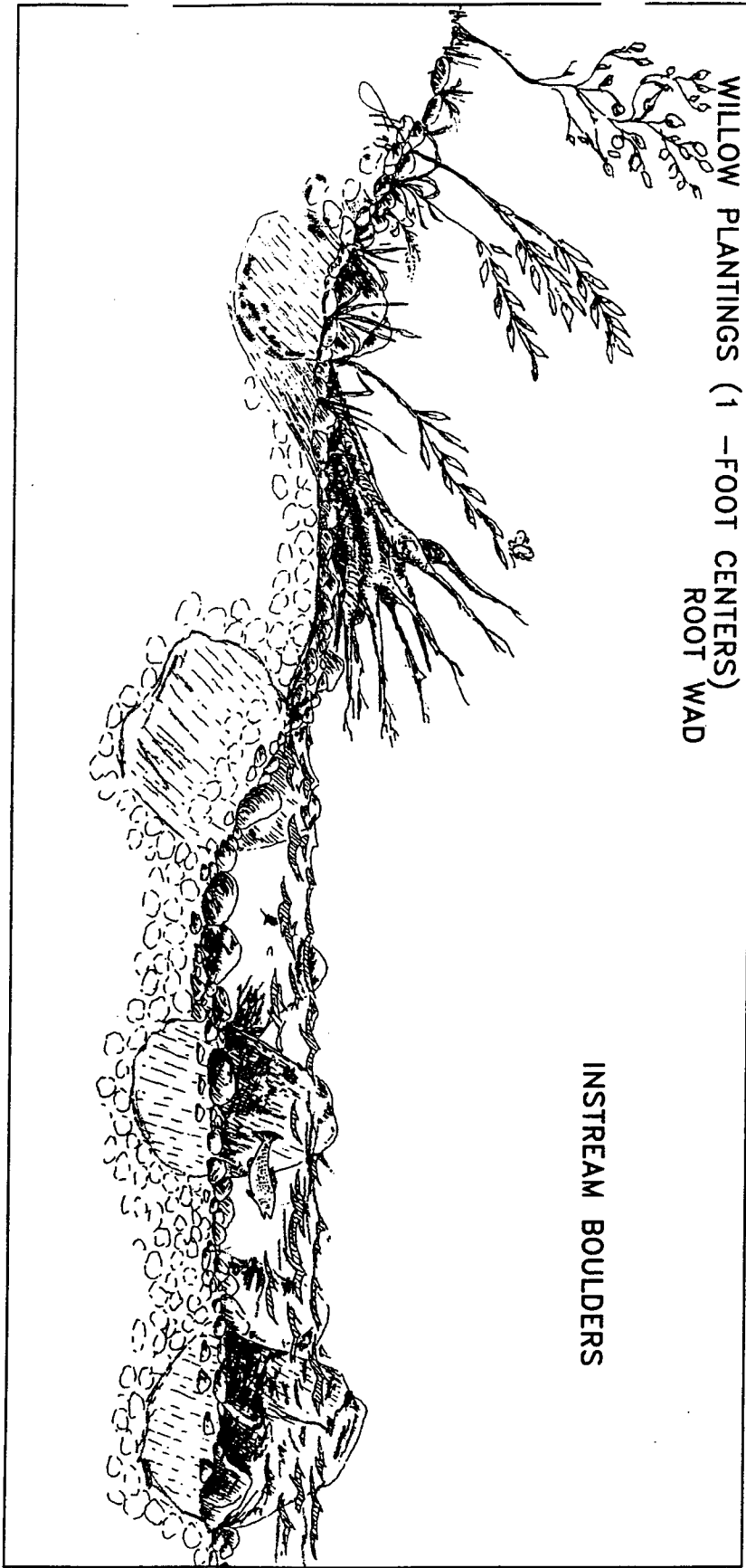


PROJECT: ORRA102
DATE: 1-24-02
DRAWN: JHF
CHECKED: GTK
REVISIONS:
FILE: RA101-DETAILSrev2

### NOTES/LEGEND

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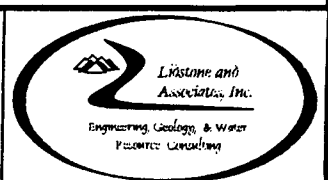
**BANKLINE – HIGHWATER LINE REVEGETATION  
AND ROCK PLACEMENT DETAIL**



PROJECT: ORRA102
DATE: 1-24-02
DRAWN: JHF
CHECKED: GTK
REVISIONS:
FILE: RA101-DETAILS-D3

NOTES/LEGEND

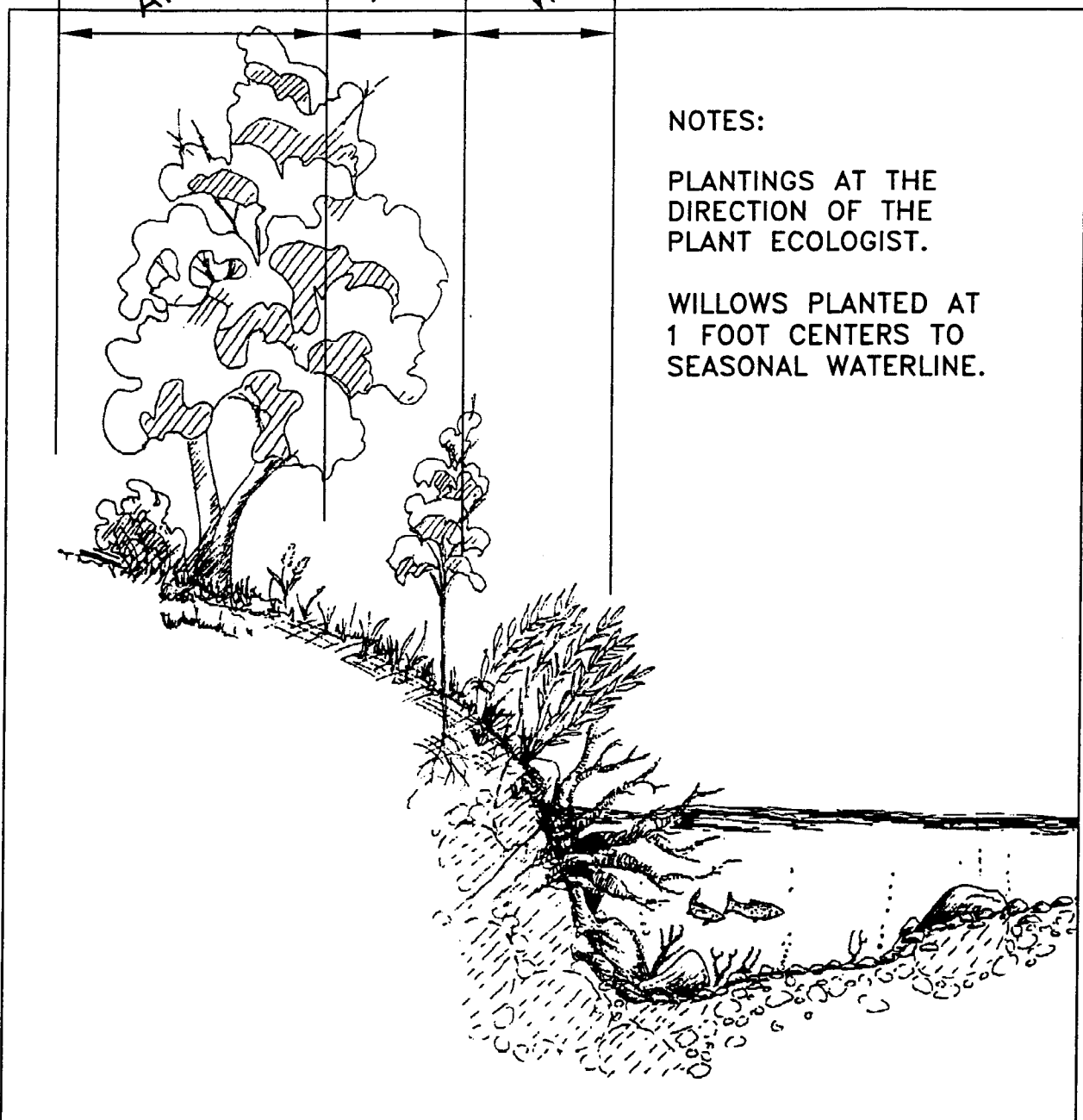
FIGURE D3-1  
BANKLINE-HIGHWATER  
REVEGETATION



BLACK  
COTTONWOOD  
AND ASH

MIXED ALDER  
AND WILLOW

WILLOW



**NOTES:**

PLANTINGS AT THE  
DIRECTION OF THE  
PLANT ECOLOGIST.

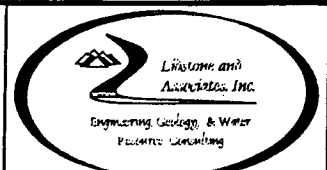
WILLOWS PLANTED AT  
1 FOOT CENTERS TO  
SEASONAL WATERLINE.

# BANKLINE REVEGETATION DETAIL

PROJECT: ORRA102  
DATE: 1-24-02  
DRAWN: JHF  
CHECKED: GTK  
REVISIONS:  
FILE: RA101-DETAILS-D3

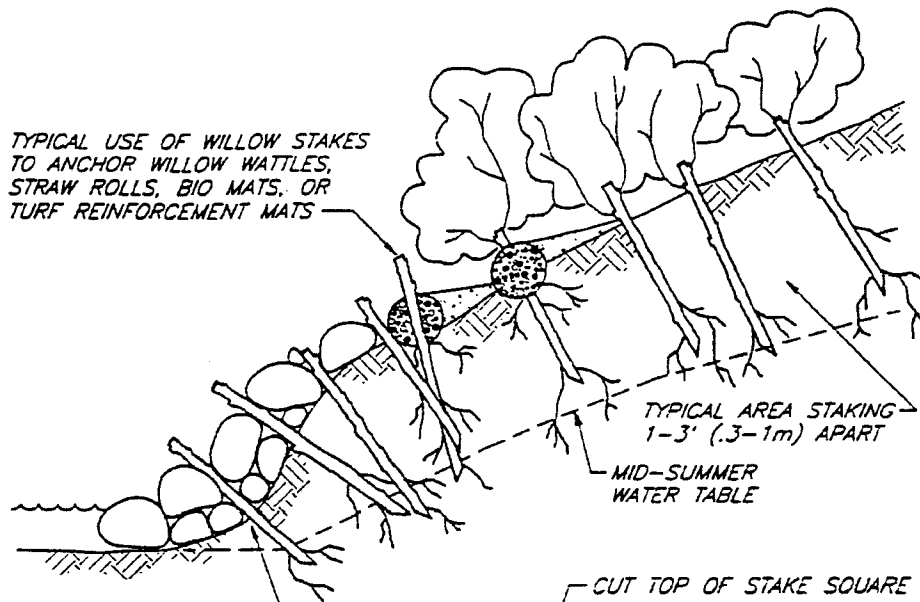
**NOTES/LEGEND**

FIGURE D3-2  
BANKLINE  
REVEGETATION



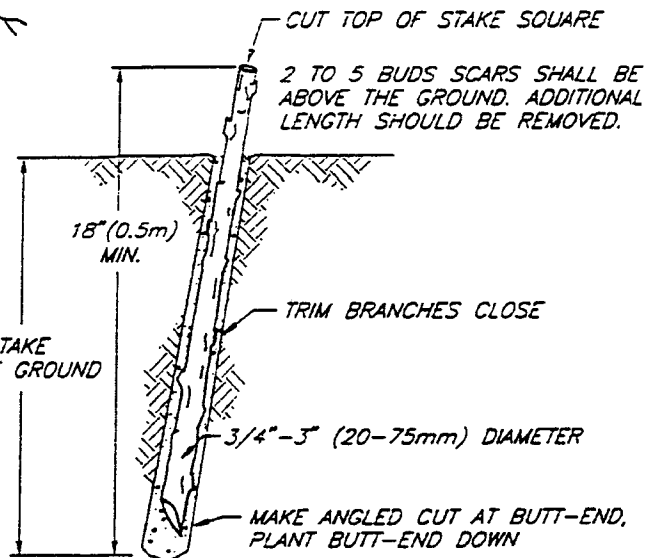


TYPICAL USE OF WILLOW STAKES TO ANCHOR WILLOW WATTLES, STRAW ROLLS, BIO MATS, OR TURF REINFORCEMENT MATS



TYPICAL - DRIVE OR PLANT WILLOW STAKES THROUGH OPENINGS IN RIPRAP OR GABIONS

PLANT 80% OF STAKE LENGTH INTO THE GROUND



**NOTES:**

1. HARVEST AND PLANT STAKES DURING THE DORMANT SEASON.
2. USE HEALTHY, STRAIGHT AND LIVE WOOD AT LEAST 1 YEAR OLD.
3. MAKE CLEAN CUTS AND DO NOT DAMAGE STAKES OR SPLIT ENDS DURING INSTALLATION. USE A PILOT BAR IN FIRM SOILS.
4. SOAK CUTTINGS FOR 24 HOURS (MIN.) PRIOR TO INSTALLATION.
5. TAMP THE SOIL AROUND THE STAKE.

NOT TO SCALE

REFERENCE:  
1994, JOHN MCCULLAH

# TYPICAL LIVE WILLOW STAKING DETAIL

PROJECT: ORRA102

DATE: 1-24-02

DRAWN: JHF

CHECKED: GTK

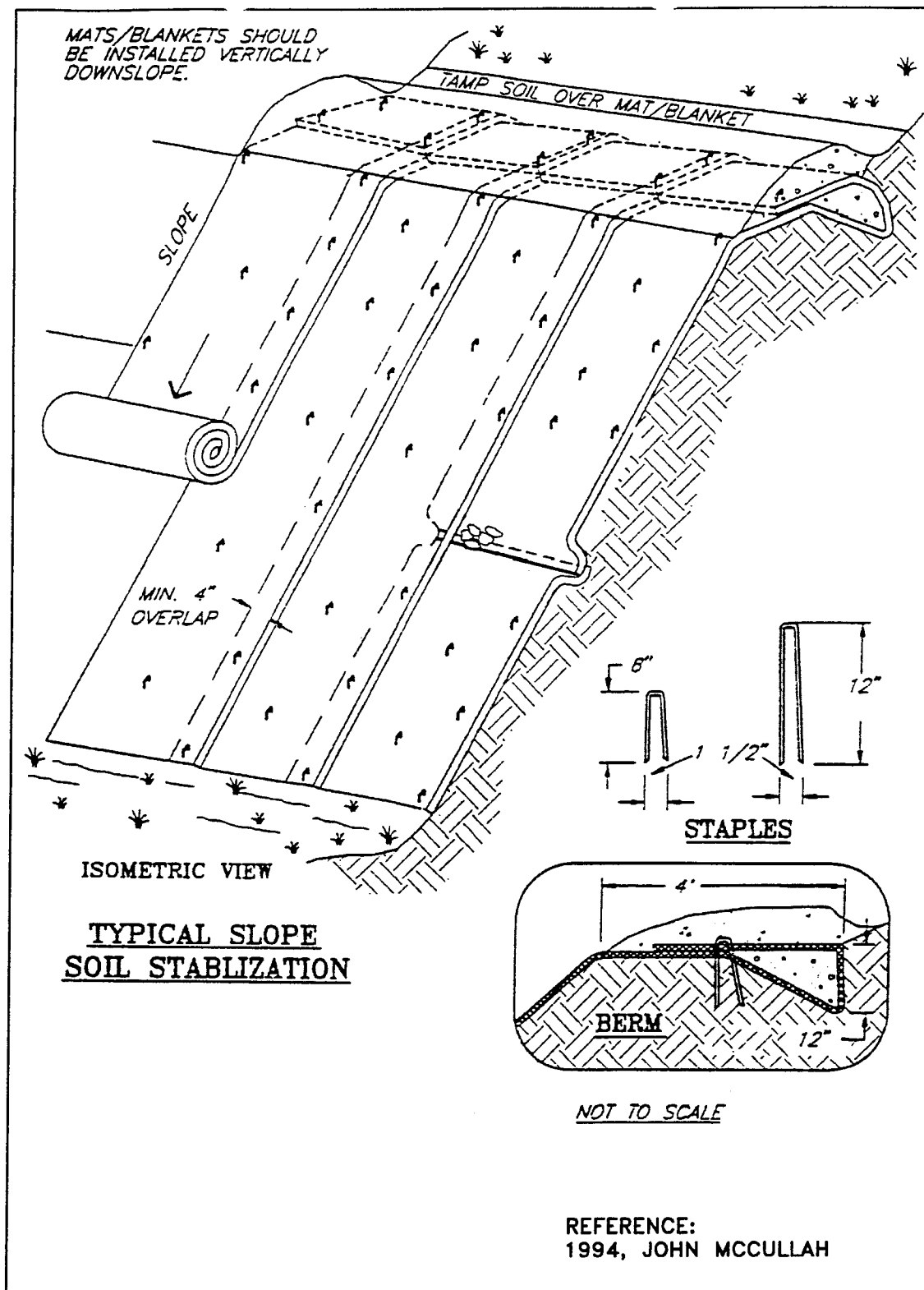
REVISIONS:

FILE: RA101-DETAILS-D3

**NOTES/LEGEND**

FIGURE D3-3  
WILLOW  
STAKING



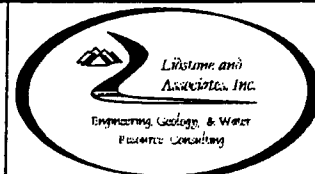


## TYPICAL EROSION BLANKETS AND TURF REINFORCEMENT MATS SLOPE INSTALLATION DETAIL

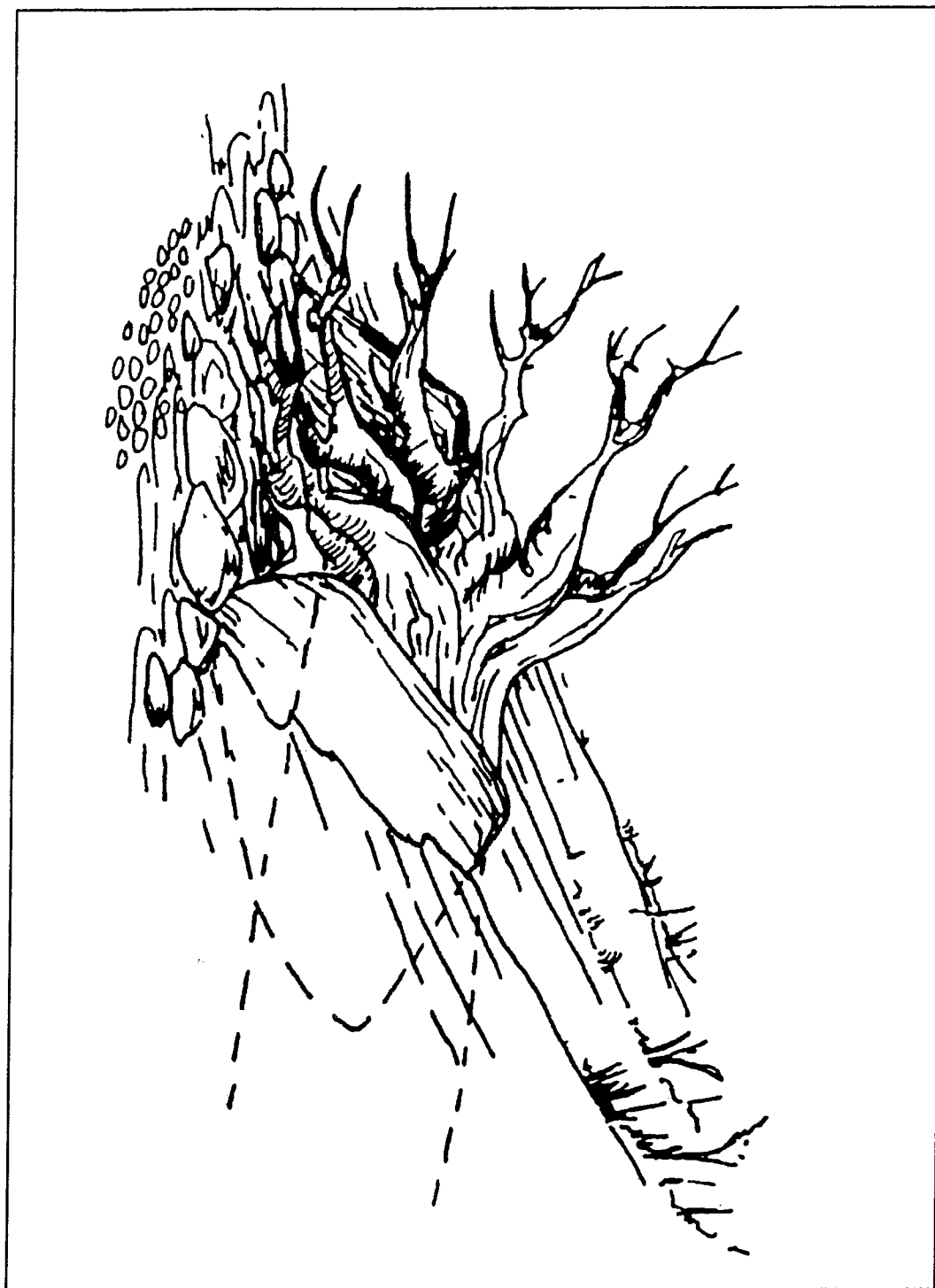
PROJECT: ORRA102  
DATE: 1-24-02  
DRAWN: JHF  
CHECKED: GTK  
REVISIONS:  
FILE: RA101-DETAILS-D3

### NOTES/LEGEND

FIGURE D3-5  
EROSION  
BLANKETS



# LOG EROSION BARRIER AND ROOT WAD HABITAT FEATURE



PROJECT: ORRA102

DATE: 1-24-02

DRAWN: JHF

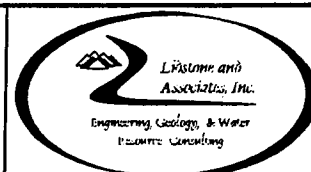
CHECKED: GTK

REVISIONS:

FILE: RA101-DETAILS-D3

## NOTES/LEGEND

FIGURE D3-6  
ROOT WAD  
HABITAT



ROGUE RIVER STAKEHOLDERS GROUP  
ATTN: E. FRANK SCHNITZER  
229 BROADALBIN STREET SW  
ALBANY OR 97321-2246

⑥

**ADDITIONAL INFORMATION****Adjoining Property Owners and Their Address and Phone Numbers****Bear Creek Orchards**

Keith Emerson  
2518 S Pacific Hwy  
Medford OR 97501  
541 864-3536

**ODFW**

5286 Table Rock Rd.  
Central Point OR 97502  
541 826-8774

**Knife River Corp.**

Mike Pole  
1915 N Kavaney Dr.  
Bismarck ND 58501  
701 530-1413

**Nature Conservancy**

Darren Borgias  
33 N Central Ave Ste 405  
Medford OR 97501-5939  
541 770-7933

Has the proposed activity or any related activity received the attention of the Corps of Engineers or the State of Oregon in the past, e.g., wetland delineation, violation, permit, lease request, etc.? ☒ Yes ☐ No

If yes, what identification number(s) were assigned by the respective agencies:

Corps # \_\_\_\_\_

State of Oregon # 24977-RF

⑦ **City / County Planning Department Affidavit** (to be completed by local planning official)

☐ This project is not regulated by the local comprehensive plan and zoning ordinance.

☐ This project has been reviewed and is consistent with the local comprehensive plan and zoning ordinance.

☐ This project has been reviewed and is **not** consistent with the local comprehensive plan and zone ordinance.

☒ Consistency of this project with the local planning ordinance cannot be determined until the following local approval(s) are obtained:

☐ Conditional Use Approval

☐ Development Permit

☐ Plan Amendment

☐ Zone Change

☐ Other \_\_\_\_\_

An application ☐ has ☒ has not been made for local approvals checked above.

\_\_\_\_\_  
Signature of local planning official

\_\_\_\_\_  
Title

\_\_\_\_\_  
City / County

\_\_\_\_\_  
Date